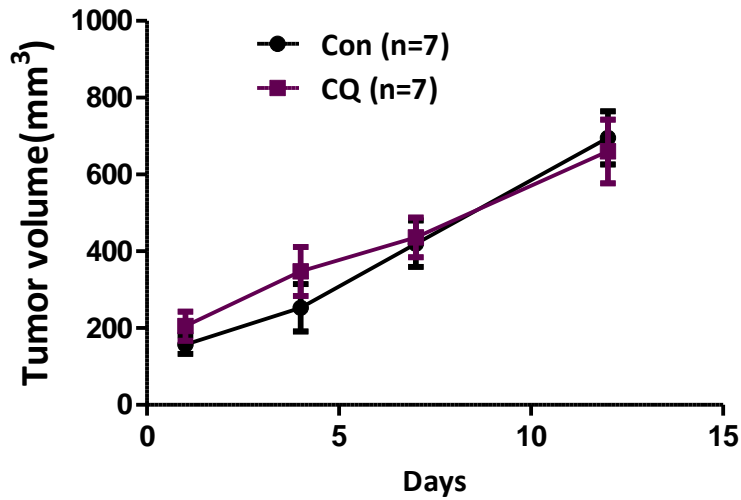


## Supplementary Method

In the orthotopic xenograft model, 3 million SUM159 cells in 100  $\mu$ l PBS were injected into the left mammary fat pad. When the tumor volume reached approximately 200 mm<sup>3</sup>, mice were randomly assigned to groups and were treated with CQ 30 mg/kg every 3 days. Tumor volumes were measured twice a week.

## Supplementary Data



CQ treatment alone had no effect on tumor volume reduction in the orthotopic SUM159 model.